

Em conformidade com o Decreto-Lei n.º 152/2017 de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2020  
01 janeiro a  
31 março

| Parâmetro (unidades)                                       | Valor Paramétrico (VP)<br>fixado no DL 306/2007 | Valores obtidos    |        | N.º Análises<br>superiores VP | %<br>Cumprimento<br>do VP | N.º Análises (PCQA) |            | %<br>Análises<br>Realizadas |
|--|---|--------------------|--------|-------------------------------|---------------------------|---------------------|------------|-----------------------------|
|  |   | Mínimo             | Máximo |                               |                           | Agendadas           | Realizadas |                             |
| Escherichia coli (N/100 ml)                                | 0   | 0                  | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Bactérias coliformes (N/100 ml)                            | 0   | 0                  | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Desinfetante residual (mg/L)                               | ---   | 0,52               | ---    | ---                           | ---                       | 1                   | 1          | 100%                        |
| Alumínio (µg/L Al)   | 200   | <20                | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Amónio (mg/L NH <sub>4</sub> )                             | 0,50  | <0,05              | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Número de colónias a 22 °C (N/ml)                          | Sem alteração anormal                           | 0                  | ---    | ---                           | ---                       | 1                   | 1          | 100%                        |
| Número de colónias a 37 °C (N/ml)                          | Sem alteração anormal                           | 0                  | ---    | ---                           | ---                       | 1                   | 1          | 100%                        |
| Condutividade (µS/cm a 20°C)                               | 2500  | 121                | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Clostridium perfringens (N/100ml)                          | 0   | 0                  | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Cor (mg/L PtCo)  | 20  | <5                 | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| pH (Unidades pH)   | ≥6,5 e ≤9                                       | 7,8                | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Ferro (µg/L Fe)  | 200   | <10                | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Manganês (µg/L Mn)   | 50  | <10                | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Nitratos <sup>1</sup> (mg/L NO <sub>3</sub> )              | 50  | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Nitritos (mg/L NO <sub>2</sub> )                           | 0,5   | <0,02              | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Oxidabilidade (mg/L O <sub>2</sub> )                       | 5   | <2                 | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Chelro a 25°C (Factor de diluição)                         | 3   | <1                 | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Sabor a 25°C (Factor de diluição)                          | 3   | <1                 | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Turvação (NTU)   | 4   | <0,3               | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Antimónio <sup>2</sup> (µg/L Sb)                           | 5   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Arsénio <sup>3</sup> (µg/L As)                             | 10  | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Benzeno <sup>4</sup> (µg/L)                                | 1,0   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Benzo(a)pireno (µg/L)                                      | 0,010   | <0,002             | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Boro <sup>5</sup> (mg/L B)                                 | 1,0   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Bromatos <sup>6</sup> (µg/L BrO <sub>3</sub> )             | 10  | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Cádmio <sup>7</sup> (µg/L Cd)                              | 5,0   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Cálcio (mg/L Ca)   | ---   | 21                 | ---    | ---                           | ---                       | 1                   | 1          | 100%                        |
| Chumbo (µg/L Pb)   | 25  | <3                 | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Cianetos <sup>8</sup> (µg/L CN)                            | 50  | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Cobre (mg/L Cu)  | 2,0   | <0,01              | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Crómio <sup>9</sup> (µg/L Cr)                              | 50  | <5                 | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| 1,2 - dicloroetano <sup>10</sup> (µg/L)                    | 3,0   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Dureza total (mg/L CaCO <sub>3</sub> )                     | ---   | 66                 | ---    | ---                           | ---                       | 1                   | 1          | 100%                        |
| Enterococos (N/100 ml)                                     | 0   | 0                  | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Fluoretos <sup>11</sup> (mg/L F)                           | 1,5   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Magnésio (mg/L Mg)   | ---   | 3,4                | ---    | ---                           | ---                       | 1                   | 1          | 100%                        |
| Mercúrio <sup>12</sup> (µg/L Hg)                           | 1   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Níquel (µg/L Ni)   | 20  | <5                 | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Selénio <sup>13</sup> (µg/L Se)                            | 10  | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Cloretos <sup>14</sup> (mg/L Cl)                           | 250   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Sódio <sup>15</sup> (mg/L Na)                              | 200   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Sulfatos <sup>16</sup> (mg/L SO <sub>4</sub> )             | 250   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Tetracloroeteno e Tricloroeteno (µg/L):                    | 10  | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Tetracloroeteno <sup>17</sup> (µg/L)                       | ---   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Tricloroeteno <sup>18</sup> (µg/L)                         | ---   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Hidrocarbonetos Aromáticos Policíclicos (µg/L):            | 0,10  | <0,005 (maio L.Q.) | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Benzo(b)fluoranteno (µg/L)                                 | ---   | <0,005             | ---    | ---                           | ---                       | 1                   | 1          | 100%                        |
| Benzo(k)fluoranteno (µg/L)                                 | ---   | <0,002             | ---    | ---                           | ---                       | 1                   | 1          | 100%                        |
| Benzo(ghi)perileno (µg/L)                                  | ---   | <0,004             | ---    | ---                           | ---                       | 1                   | 1          | 100%                        |
| Indeno(1,2,3-cd)pireno (µg/L)                              | ---   | <0,004             | ---    | ---                           | ---                       | 1                   | 1          | 100%                        |
| Trihalometanos - total (µg/L):                             | 100   | <3 (maio L.Q.)     | 0      | 0                             | 100%                      | 1                   | 1          | 100%                        |
| Clorofórmio (µg/L)   | ---   | <3                 | ---    | ---                           | ---                       | 1                   | 1          | 100%                        |
| Bromofórmio (µg/L)   | ---   | <3                 | ---    | ---                           | ---                       | 1                   | 1          | 100%                        |
| Bromodiorometano (µg/L)                                    | ---   | <3                 | ---    | ---                           | ---                       | 1                   | 1          | 100%                        |
| Dibromoclorometano (µg/L)                                  | ---   | <3                 | ---    | ---                           | ---                       | 1                   | 1          | 100%                        |
| Pesticidas <sup>19</sup> - total (µg/L)                    | 0,50  | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Desetilterbutilazina (µg/L)                                | ---   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Terbutilazina (µg/L)                                       | ---   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Ometoato (µg/L)  | ---   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Alacloro (µg/L)  | ---   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| MCPA (µg/L)  | ---   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Bentazona (µg/L)   | ---   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Dose Indicativa total <sup>20</sup> (mSv/ano)              | ---   | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Actividade alfa total <sup>21</sup> (referida a Am) (Bq/l) | 0,10  | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |
| Actividade beta total <sup>22</sup> (referida a K) (Bq/l)  | 1,00  | ---                | ---    | ---                           | ---                       | 0                   | 0          | ---                         |

NOTA 1: Zonas de abastecimento controladas: Montinho/Igreja

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta - Águas do Vale do Tejo S.A.

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): Todos os parâmetros respeitam o Valor Paramétrico, pelo que se comprova a qualidade da água distribuída.

O Presidente do CA: \_\_\_\_\_ (Nuno Lação)



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